



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/051,022	01/22/2002	Herve Ruellan	01807.002304	7645
5514 7590 12/11/2007 FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA NEW YORK, NY 10112			EXAMINER SERRAO, RANODHI N	
			ART UNIT 2141	PAPER NUMBER
			MAIL DATE 12/11/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

72

Office Action Summary	Application No. 10/051,022	Applicant(s) RUELLAN ET AL.	
	Examiner Ranodhi Serrao	Art Unit 2141	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 October 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,4-12 and 14-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,4-12 and 14-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 24 October 2007 has been entered.

Response to Arguments

2. Applicant's arguments with respect to claims 1, 4-12, and 14-18 have been considered but are moot in view of the new ground(s) of rejection.
3. The applicant argued in substance the newly added limitations of independent claims 1 and 12. However, the new grounds teach these and the added features. See rejections below.

Claim Rejections - 35 USC § 103

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
5. Claims 1 and 16-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wilkins (2004/0027593) and Zalewski et al. (6,771,981).

6. As per claim 1, Wilkins teaches a method of undoing execution of a function requested by a first client station on a computer object stored on a server station of a communication network, comprising the following steps: receiving from a client station a request to undo execution of the function on the computer object, the execution of the function being an operation to manipulate the object from an earlier state to a manipulated state of the object (see Wilkins, ¶ 4 and 18-19); obtaining on said server station the earlier state of the manipulated object (see Wilkins, ¶ 52). But fails to teach generating electronic money on the server station, associated with the first client station, and sending a response to the first client station via the communication network, the response comprising a sum of said electronic money comprising at least one electronic money coin, less than or equal to an execution cost received by the server station for the execution of said function. However, Zalewski et al. teaches generating electronic money on the server station, associated with the first client station, and sending a response to the first client station via the communication network, the response comprising a sum of said electronic money comprising at least one electronic money coin (see Zalewski et al., col. 14, lines 7-26), less than or equal to a cost received by the server station for the purchase of a gift certificate (see Zalewski et al., col. 13, lines 38-52). It would have been obvious to one having ordinary skill in the art at the time of the invention to modify Wilkins to generating electronic money on the server station, associated with the first client station, and sending a response to the first client station via the communication network, the response comprising a sum of said electronic money comprising at least one electronic money coin, less than or equal to an

execution cost received by the server station for the execution of said function in order to provide means of electronic identification and payment which a consumer can carry and to provide a system in which consumers may earn, store and redeem coupons in a single device (see Zalewski et al., col. 4, lines 35-39).

7. As per claims 16, 17, and 18, Zalewski et al. and Wilkins teach a method of undoing a function (see Wilkins, ¶ 16).

8. Claims 4, 6-8, 10, 11, and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wilkins and Zalewski et al. as applied to claim 1 above, and further in view of Cockrill et al. (6,473,740).

9. As per claim 4, Wilkins and Zalewski et al. teach the mentioned limitations of claim 1 above but fail to teach a method, wherein the sum of electronic money is strictly less than the sum received. However, Cockrill et al. teaches a method, wherein the sum of electronic money is strictly less than the sum received (see Cockrill et al., col. 16, lines 32-53). It would have been obvious to one having ordinary skill in the art at the time of the invention to modify Wilkins and Zalewski et al. to an undo method, further comprising a stop of generating electronic money on the server station, associated with the first client station in order to in order to substantially lower merchants' transaction processing costs, thereby enabling merchants to offer for sale modestly-priced goods (see Cockrill et al., col. 5, lines 11-25).

10. As per claims 6-8, 10, 11, and 15, the above-mentioned motivation of claim 4 applies fully in order to combine Wilkins, Zalewski et al., and Cockrill et al.

Art Unit: 2141

11. As per claim 6, Wilkins, Zalewski et al., and Cockrill et al. teach a method, wherein the undo cost is zero if the number of requests for executions of undone functions sent by the client station is less than a predetermined threshold value (see Cockrill et al., col. 16, lines 32-53).

12. As per claim 7, Wilkins, Zalewski et al., and Cockrill et al. teach a method, wherein the request to undo the execution of the function is sent by a second client station of the communication network, the undo request of the second client station comprising a sum of electronic money, the method further comprising: sending a second response to the second client station via the communication network (see Cockrill et al., col. 12, lines 21-31), the second response comprising a sum of electronic money less than or equal to said sum of electronic money included in the undo request (see Cockrill et al., col. 16, lines 32-53).

13. As per claim 8, Wilkins, Zalewski et al., and Cockrill et al. teach a method, further comprising a step of generating electronic money on the server station associated with the second client station (see Cockrill et al., col. 13, lines 27-58).

14. As per claim 10, Wilkins, Zalewski et al., and Cockrill et al. teach a method, wherein at said obtaining step, an opposite function, which is the reverse of the function, is executed (see Cockrill et al., col. 16, lines 21-31).

15. As per claim 11, Wilkins, Zalewski et al., and Cockrill et al. teach a method, wherein it is implemented on a list of functions executed subsequently to the function to be undone (see Cockrill et al., col. 16, lines 8-20).

Art Unit: 2141

16. As per claim 15, Wilkins, Zalewski et al., and Cockrill et al. teach a device, characterized in that it is incorporated in a microprocessor, a read only memory adapted to store a program for remote undoing of functions; and a random access memory comprising registers adapted to store variables modified during the execution of said program (see Cockrill et al., col. 9, lines 22-42).

17. Claims 5 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Zalewski et al. and Wilkins as applied to claim 1 above, and further in view of Hiroya et al. (5,754,654).

18. As per claim 5, Zalewski et al. and Wilkins teach the mentioned limitations of claim 1 above but fail to teach a method, further comprising a step of calculating an undo cost associated with the received undo request, wherein the sum of electronic money included in the response to the first client is calculated after deduction of the undo cost. However, Hiroya et al. teaches a method, further comprising a step of calculating an undo cost associated with the received undo request (see Hiroya et al., col. 21, lines 22-34), wherein the sum of electronic money included in the response to the first client is calculated after deduction of the undo cost (see Hiroya et al., col. 6, line 63-col. 7, line 8). It would have been obvious to one having ordinary skill in the art at the time of the invention to modify Zalewski et al. and Wilkins to a method, further comprising a step of calculating an undo cost associated with the received undo request, wherein the sum of electronic money included in the response to the first client is calculated after deduction of the undo cost in order to provide an electronic ticket

Art Unit: 2141

vending and refunding system and a method thereof for working when a plurality of ticket venders share only one electronic ticket vending and refunding system in a system for purchasing or refunding a ticket from a distant place using a telephone line for preventing forgery or illegal reproduction of an electronic ticket (see Hiroya et al., col. 3, lines 18-28).

19. As per claim 9, Zalewski et al., Cockrill et al. and Wilkins teach the mentioned limitations of claims 1 and 7 above but fail to teach a method, further comprising a step of calculating a second undo cost associated with the undo request received from the second client station, wherein in the step of sending the second response, the sum of electronic money included in the second response is calculated by deducting the second undo cost from the sum of electronic money included in the undo request of the second client station. However, Hiroya et al. teaches a method, further comprising a step of calculating a second undo cost associated with the undo request received from the second client station, (see Hiroya et al., col. 21, lines 22-34: wherein it would be obvious to one having ordinary skill in the art at the time of the invention to add a second client in a communication network); wherein in the step of sending the second response, the sum of electronic money included in the second response is calculated by deducting the second undo cost from the sum of electronic money included in the undo request of the second client station (see Hiroya et al., col. 6, line 63-col. 7, line 8). It would have been obvious to one having ordinary skill in the art at the time of the invention to modify Zalewski et al., Cockrill et al. and Wilkins to a method, further comprising a step of calculating a second undo cost associated with the undo request

Art Unit: 2141

received from the second client station, wherein in the step of sending the second response, the sum of electronic money included in the second response is calculated by deducting the second undo cost from the sum of electronic money included in the undo request of the second client station in order to an electronic ticket vending and refunding system and a vending and refunding method thereof for working when a transaction using electronic money and an electronic ticket is executed via a telephone line for preventing a trouble on whether the electronic money and the electronic ticket are given or received actually (see Hiroya et al., col. 3, lines 30-35).

20. Claims 12 and 14 have similar limitations as to claims 1, 4-11, and 15-18 above; therefore, they are being rejected under the same rationale.

Art Unit: 2141

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ranodhi Serrao whose telephone number is (571) 272-7967. The examiner can normally be reached on 8:00-4:30pm, M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharra can be reached on (571) 272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RNS

R.N.S.

11/28/2007

W. C. Vaughn
WILLIAM VAUGHN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100